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0472 U.S. PTO

PTO/SB/05 (08-03)

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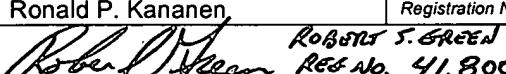
<b>UTILITY PATENT APPLICATION TRANSMITTAL</b> <i>(Only for new nonprovisional applications under 37 CFR 1.53(b))</i>		<i>Attorney Docket No.</i> <b>SON-2922</b>
		<i>First Inventor</i> <b>Masaaki Hara</b>
		<i>Title</i> <b>NONVOLATILE MAGNETIC MEMORY DEVICE AND METHOD OF WRITING DATA INTO TUNNEL MAGNETORESISTANCE DEVICE IN NONVOLATILE MAGNETIC MEMORY DEVICE</b>
		<i>Express Mail Label No.</i>

<b>APPLICATION ELEMENTS</b> <i>See MPEP chapter 600 concerning utility patent application contents.</i>		<b>MS Patent Application</b> <b>ADDRESS TO:</b> Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450
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1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <i>(Submit an original, and a duplicate for fee processing)</i>	7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
2. <input type="checkbox"/> Applicant claims small entity status. <i>See 37 CFR 1.27.</i>	8. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i>
3. <input checked="" type="checkbox"/> Specification <span style="border: 1px solid black; padding: 2px;">[Total Pages 132]</span>	9. <input checked="" type="checkbox"/> Computer Readable Form (CRF)
<i>(preferred arrangement set forth below)</i>	
- Descriptive title of the invention	
- Cross Reference to Related Applications	
- Statement Regarding Fed sponsored R & D	
- Reference to sequence listing, a table, or a computer program listing appendix	
- Background of the Invention	
- Brief Summary of the Invention	
- Brief Description of the Drawings (if filed)	
- Detailed Description	
- Claim(s)	
- Abstract of the Disclosure	
4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) <span style="border: 1px solid black; padding: 2px;">[Total Sheets 46]</span>	10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <span style="border: 1px solid black; padding: 2px;">[Power of Attorney]</span>
5. Oath or Declaration <span style="border: 1px solid black; padding: 2px;">[Total Sheets 3]</span>	11. <input type="checkbox"/> English Translation Document (if applicable)
a. <input checked="" type="checkbox"/> Newly executed (original or copy)	12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <span style="border: 1px solid black; padding: 2px;">[Copies of IDS Citations]</span>
b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <i>(for continuation/divisional with Box 18 completed)</i>	13. <input type="checkbox"/> Preliminary Amendment
i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b> <i>Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</i>	
6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76	
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:	
<input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) <span style="border: 1px solid black; padding: 2px;">of prior application No.:</span> _____	
<i>Prior application information: Examiner _____ Art Unit: _____</i>	
<b>For CONTINUATION OR DIVISIONAL APPS only:</b> The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.	

**19. CORRESPONDENCE ADDRESS**

<input checked="" type="checkbox"/> Customer Number: <b>23353</b>	<b>OR</b>	<input type="checkbox"/> Correspondence address below
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Signature 	Robert S. Green Reg. No. 41,800
Date	January 30, 2004

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# FEE TRANSMITTAL

## for FY 2003

Effective 01/01/2003, Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT** (\$ 856.00)
**Complete if Known**

Application Number	Not Yet Assigned
Filing Date	January 30, 2004
First Named Inventor	Masaaki Hara
Examiner Name	Not Yet Assigned
Art Unit	N/A

Attorney Docket No. SON-2922

**METHOD OF PAYMENT (check all that apply)**
 Check  Credit Card  Money Order  Other  None  
 Deposit Account:

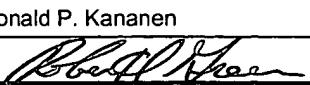
Deposit Account Number 18-0013

Deposit Account Name Rader, Fishman &amp; Grauer PLLC

**The Director is authorized to: (check all that apply)**
 Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) during the pendency of this application  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.
**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)
1051	130	2051	65
1052	50	2052	25
1053	130	1053	130
1812	2,520	1812	2,520
1804	920*	1804	920*
1805	1,840*	1805	1,840*
1251	110	2251	55
1252	410	2252	205
1253	930	2253	465
1254	1,450	2254	725
1255	1,970	2255	985
1401	320	2401	160
1402	320	2402	160
1403	280	2403	140
1451	1,510	1451	1,510
1452	110	2452	55
1453	1,300	2453	650
1501	1,300	2501	650
1502	470	2502	235
1503	630	2503	315
1460	130	1460	130
1807	50	1807	50
1806	180	1806	180
8021	40	8021	40
1809	750	2809	375
1810	750	2810	375
1801	750	2801	375
1802	900	1802	900
Other fee (specify) _____			
*Reduced by Basic Filing Fee Paid			<b>SUBTOTAL (3) (\$ 0.00)</b>

\*\* or number previously paid, if greater; For Reissues, see above

SUBMITTED BY		(Complete if applicable)		
Name (Print/Type)	Ronald P. Kananen	Registration No. (Attorney/Agent)	24,104	Telephone (202) 955-3750
Signature		Robert S. Grossman R.R. #2, Box 41,800	Date	January 30, 2004